

074-us1.ST25.txt
SEQUENCE LISTING

<110> Paz Einat, Louis Deiss, and Ruth Maya

<120> WWP1 AND USES THEREOF

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<151> 2002-07-11

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aag aac tgg ttc gga aca gca ata tat aca gaa gta gtt gta gat gga	144
Lys Asn Trp Phe Gly Thr Ala Ile Tyr Thr Glu Val Val Val Asp Gly	
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gaa att acg aaa aca gca aaa tcc agt agt tct tct aat cca aaa tgg	192
Glu Ile Thr Lys Thr Ala Lys Ser Ser Ser Ser Ser Asn Pro Lys Trp	
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gat gaa cag cta act gta aat gtt acg cca cag act aca ttg gaa ttt	240
Asp Glu Gln Leu Thr Val Asn Val Thr Pro Gln Thr Thr Leu Glu Phe	
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caa gtt tgg agc cat cgc act tta aaa gca gat gct tta tta gga aaa	288
Gln Val Trp Ser His Arg Thr Leu Lys Ala Asp Ala Leu Leu Gly Lys	
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gca acg ata gat ttg aaa caa gct ctg ttg ata cac aat aga aaa ttg	336
Ala Thr Ile Asp Leu Lys Gln Ala Leu Leu Ile His Asn Arg Lys Leu	
100 105 110	

gaa aga gtg aaa gaa caa tta aaa ctt tcc ttg gaa aac aag aat ggc	384
Glu Arg Val Lys Glu Gln Leu Lys Leu Ser Leu Glu Asn Lys Asn Gly	
115 120 125	

ata gca caa act ggt gaa ttg aca gtt gtg ctt gat gga ttg gtg att	432
Ile Ala Gln Thr Gly Glu Leu Thr Val Val Leu Asp Gly Leu Val Ile	
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aca Thr	act Thr	gcc Ala 180	agg Leu 180	ttg Leu	gct Ala	gtt Val	gaa Glu	ggc Gly 185	acg Thr	aat Asn	gga Gly	ata Ile	gat Asp 190	aat Asn	cat His	576
gta Val	cct Pro	aca Thr 195	agc Ser	act Thr	cta Leu	gtc Val	caa Gln 200	aac Asn	tca Ser	tgc Cys	tgc Cys	tcg Ser 205	tat Tyr	gta Val	gtt Val	624
aat Asn 210	gga Gly	gac Asp	aac Asn	aca Thr	cct Pro	tca Ser 215	tct Ser	ccg Pro	tct Ser	cag Gln	gtt Val 220	gct Ala	gcc Ala	aga Arg	ccc Pro	672
aaa Lys 225	aat Asn	aca Thr	cca Pro	gct Ala	cca Pro 230	aaa Lys	cca Pro	ctc Leu	gca Ala 235	tct Ser	gag Glu	cct Pro	gcc Ala	gat Asp	gac Asp 240	720
act Thr	gtt Val	aat Asn	gga Gly	gaa Glu 245	tca Ser	tcc Ser	tca Ser	ttt Phe	gca Ala 250	cca Pro	act Thr	gat Asp	aat Asn	gcg Ala 255	tct Ser	768
gtc Val	acg Thr	ggg Gly	act Thr	cca Pro	gta Val	gtg Val	tct Ser	gaa Glu 265	gaa Glu	aat Asn	gcc Ala	ttg Leu	tct Ser	cca Pro	aat Asn	816
tgc Cys	act Thr	agt Ser 275	act Thr	act Thr	gtt Val	gaa Glu	gat Asp 280	cct Pro	cca Pro	gtt Val	caa Gln	gaa Glu	ata Ile	ctg Leu	act Thr	864
tcc Ser 290	tca Ser	gaa Glu	aac Asn	aat Asn	gaa Glu	tgt Cys 295	att Ile	cct Pro	tct Ser	acc Thr	agt Ser 300	gca Ala	gaa Glu	ttg Leu	gaa Glu	912
tct Ser 305	gaa Glu	gct Ala	aga Arg	agt Ser	ata Ile 310	tta Leu	gag Glu	cct Pro	gac Asp	acc Thr 315	tct Ser	aat Asn	tct Ser	aga Arg	agt Ser 320	960
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Val Arg Asn Phe Glu Gln Trp Gln Ser Gln Arg Asn Gln Leu Gln Gly	
420 425 430	
gct atg caa cag ttt aac caa cga tac ctc tat tcg gct tca atg tta	1344
Ala Met Gln Gln Phe Asn Gln Arg Tyr Leu Tyr Ser Ala Ser Met Leu	
435 440 445	
gct gca gaa aat gac cct tat gga cct ttg cca cca ggc tgg gaa aaa	1392
Ala Ala Glu Asn Asp Pro Tyr Gly Pro Leu Pro Pro Gly Trp Glu Lys	
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aga gtg gat tca aca gac agg gtt tac ttt gtg aat cat aac aca aaa	1440
Arg Val Asp Ser Thr Asp Arg Val Tyr Phe Val Asn His Asn Thr Lys	
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ccc ctg cca gaa ggc tgg gaa att aga tat act cgt gaa ggt gta agg	1536
Pro Leu Pro Glu Gly Trp Glu Ile Arg Tyr Thr Arg Glu Gly Val Arg	
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Tyr Phe Val Asp His Asn Thr Arg Thr Thr Thr Phe Lys Asp Pro Arg	
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Gly Gly Leu Ala Arg Glu Trp Phe Phe Leu Leu Ser His Glu Val Leu	
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Phe Ile Asp Thr Gly Phe Ser Leu Pro Phe Tyr Lys Arg Met Leu Ser	
675 680 685	
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Lys Lys Leu Thr Ile Lys Asp Leu Glu Ser Ile Asp Thr Glu Phe Tyr	
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cat gac ctg aag ttg gga ggt tcc aat att ctg gtg act gag gag aac	2256
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Lys Asp Glu Tyr Ile Gly Leu Met Thr Glu Trp Arg Phe Ser Arg Gly	
755 760 765	
gta caa gaa cag acc aaa gct ttc ctt gat ggt ttt aat gaa gtt gtt	2352
Val Gln Glu Gln Thr Lys Ala Phe Leu Asp Gly Phe Asn Glu Val Val	
770 775 780	
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Pro Leu Gln Trp Leu Gln Tyr Phe Asp Glu Lys Glu Leu Glu Val Met	
785 790 795 800	
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gtt tat cga cat tat aca aga aac agc aag caa atc att tgg ttt tgg	2496
Val Tyr Arg His Tyr Thr Arg Asn Ser Lys Gln Ile Ile Trp Phe Trp	
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cag ttt gtg aaa gag aca gac aat gaa gta aga atg cga cta ttg cag	2544
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ttc gtc act gga acc tgc cgt tta cct cta gga gga ttt gct gag ctc	2592
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850 855 860	
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gac act tgg tta cca aga agc cat aca tgt ttt aat cgc ttg gat cta	2688
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cca cca tat aag agt tat gaa caa cta aag gaa aaa ctt ctt ttt gca	2736
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Glu Ile Thr Lys Thr Ala Lys Ser Ser Ser Ser Ser Asn Pro Lys Trp
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Asp Glu Gln Leu Thr Val Asn Val Thr Pro Gln Thr Thr Leu Glu Phe
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Gln Val Trp Ser His Arg Thr Leu Lys Ala Asp Ala Leu Leu Gly Lys
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Ala Thr Ile Asp Leu Lys Gln Ala Leu Leu Ile His Asn Arg Lys Leu
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Glu Arg Val Lys Glu Gln Leu Lys Leu Ser Leu Glu Asn Lys Asn Gly
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130 135 140

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145 150 155 160

Gln Glu Asn Gly Asp Ala Leu His Glu Asn Gly Glu Pro Ser Ala Arg
165 170 175

Thr Thr Ala Arg Leu Ala Val Glu Gly Thr Asn Gly Ile Asp Asn His
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Pro	Gly	Trp	Glu	Arg	Arg	Val	Asp	Asp	Arg	Arg	Arg	Val	Tyr	Tyr	Val		
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Val	Arg	Asn	Phe	Glu	Gln	Trp	Gln	Ser	Gln	Arg	Asn	Gln	Leu	Gln	Gly		
			420					425						430			
Ala	Met	Gln	Gln	Phe	Asn	Gln	Arg	Tyr	Leu	Tyr	Ser	Ala	Ser	Met	Leu		
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Ala Ala Glu Asn Asp Pro Tyr Gly Pro Leu Pro Pro Gly Trp Glu Lys
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Arg Val Asp Ser Thr Asp Arg Val Tyr Phe Val Asn His Asn Thr Lys
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Thr Thr Gln Trp Glu Asp Pro Arg Thr Gln Gly Leu Gln Asn Glu Glu
485 490 495

Pro Leu Pro Glu Gly Trp Glu Ile Arg Tyr Thr Arg Glu Gly Val Arg
500 505 510

Tyr Phe Val Asp His Asn Thr Arg Thr Thr Thr Phe Lys Asp Pro Arg
515 520 525

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580 585 590

Arg Arg Arg Leu Tyr Val Ile Phe Arg Gly Glu Glu Gly Leu Asp Tyr
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Gly Gly Leu Ala Arg Glu Trp Phe Phe Leu Leu Ser His Glu Val Leu
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Asn Pro Met Tyr Cys Leu Phe Glu Tyr Ala Gly Lys Asn Asn Tyr Cys
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Phe Ile Asp Thr Gly Phe Ser Leu Pro Phe Tyr Lys Arg Met Leu Ser
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Lys Lys Leu Thr Ile Lys Asp Leu Glu Ser Ile Asp Thr Glu Phe Tyr
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His Asp Leu Lys Leu Gly Gly Ser Asn Ile Leu Val Thr Glu Glu Asn
740 745 750

Lys Asp Glu Tyr Ile Gly Leu Met Thr Glu Trp Arg Phe Ser Arg Gly
755 760 765

Val Gln Glu Gln Thr Lys Ala Phe Leu Asp Gly Phe Asn Glu Val Val
770 775 780

Pro Leu Gln Trp Leu Gln Tyr Phe Asp Glu Lys Glu Leu Glu Val Met
785 790 795 800

Leu Cys Gly Met Gln Glu Val Asp Leu Ala Asp Trp Gln Arg Asn Thr
805 810 815

Val Tyr Arg His Tyr Thr Arg Asn Ser Lys Gln Ile Ile Trp Phe Trp
820 825 830

Gln Phe Val Lys Glu Thr Asp Asn Glu Val Arg Met Arg Leu Leu Gln
835 840 845

Phe Val Thr Gly Thr Cys Arg Leu Pro Leu Gly Gly Phe Ala Glu Leu
850 855 860

Met Gly Ser Asn Gly Pro Gln Lys Phe Cys Ile Glu Lys Val Gly Lys
865 870 875 880

Asp Thr Trp Leu Pro Arg Ser His Thr Cys Phe Asn Arg Leu Asp Leu
885 890 895

Pro Pro Tyr Lys Ser Tyr Glu Gln Leu Lys Glu Lys Leu Leu Phe Ala
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624